

Fig. 2

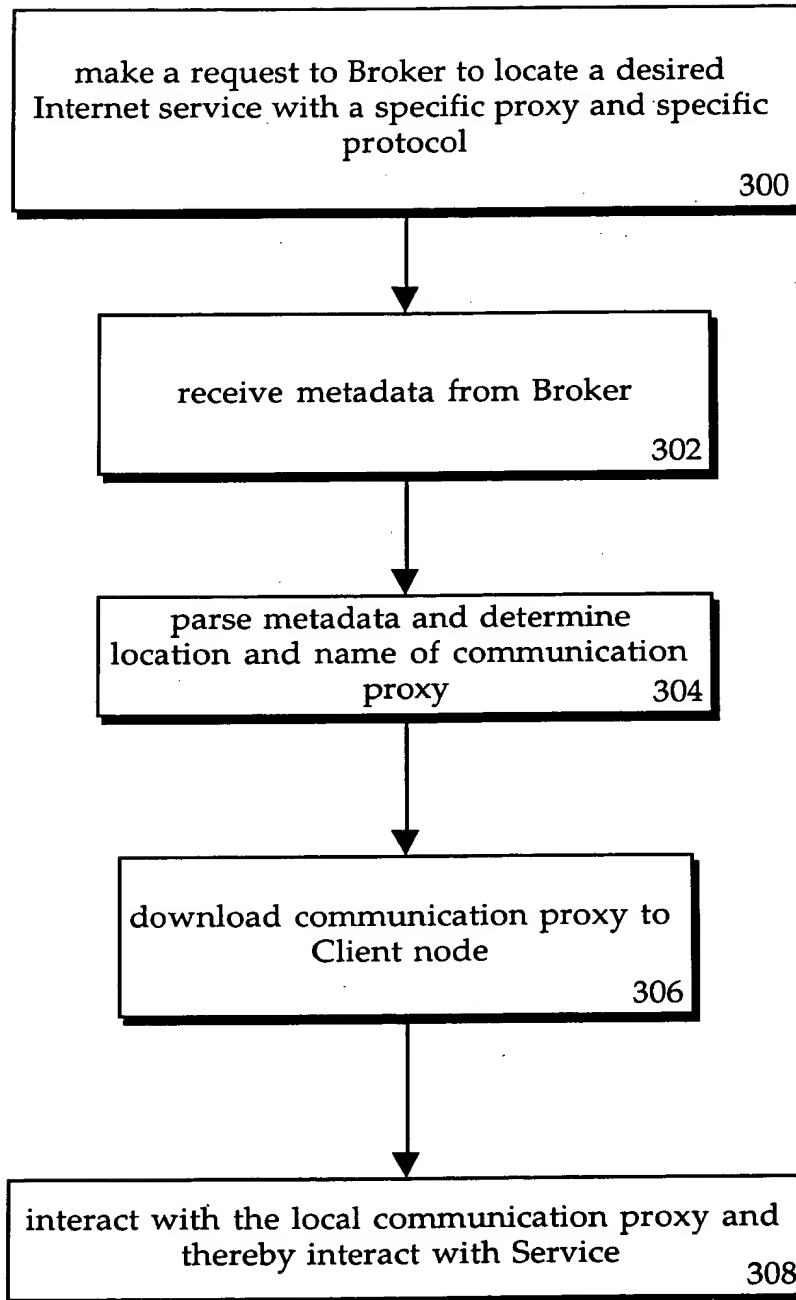


Fig. 3

receive a registration from a service including metadata describing
any communication proxies, protocols, and location of any proxy

400

receive a request from a client to locate a
desired Internet service with a specific proxy
and a specific protocol

402

Locate a match between
Client request and registered
Services

404

send metadata to Client

406

Fig. 4

send registration to a broker including metadata describing service,
any communication proxies supporting various protocols, and
location of any proxy

500



interact with Client by interacting with a
communication proxy, the communication
proxy being on the same node as Client

502

Fig. 5